

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method of driving a liquid crystal display, comprising:
receiving and registering first source data for a first frame period;
receiving second source data for a second frame period subsequent to the first frame
period, the second frame period having a predetermined duration;
generating modulated data according to a comparison result between the registered first
source data and the second source data;
~~modulating source data of one frame period using registered data from a frame period~~
~~previous to the one frame period and~~ supplying the modulated data to a liquid crystal panel
during at an initial period portion of an output period having the predetermined duration of the
one frame period; and
applying data different from the modulated data to the liquid crystal panel at a later
portion of the output period than the initial portion period of the one frame period.

2. (Currently Amended) The method according to claim 1, wherein the data applied to the liquid crystal panel at the later portion of the output period is the source data.

Claims 3-4 (Canceled).

5. (Currently Amended) The method according to claim 1, wherein the later portion of the output period begins at a half period of the ~~one frame~~ output period.

6. (Currently Amended) The method according to claim 2, wherein the first and second source data are not applied to the liquid crystal panel while the modulated data are applied thereto.

7. (Currently Amended) An apparatus for driving a liquid crystal display, comprising:

a modulator that receives and registers first source data for a first frame period, receives second source data for a second frame period subsequent to the first frame period, the second frame period having a predetermined duration, and that generates modulated data according to a comparison result between the registered first source data and the second source data;

~~a modulator modulating source data of one frame period using registered data from a frame period previous to the one frame period; and~~

a data provider alternatively applying the modulated data and data different from the modulated data to the liquid crystal panel during an output period having the predetermined duration ~~within the one frame period.~~

8. (Currently Amended) The apparatus according to claim 7, wherein the data different from the modulated data is the second source data.

Claims 9-14 (Canceled).

15. (Currently Amended) The apparatus according to claim 7, wherein the data provider includes a delay circuit delaying the second source data while the modulated data are applied to the liquid crystal panel.

16. (Currently Amended) The apparatus according to claim 7, further comprising:
a data driver applying the modulated data and the second source data received alternatively from the data provider to a plurality of data lines on the liquid crystal panel; and
a scanning driver applying a scanning pulse to a plurality of scanning lines on the liquid crystal panel.

17. (Currently Amended) The apparatus according to claim 16, wherein the scanning pulse has a frequency high enough to scan twice entire scanning lines on the liquid crystal panel within the ~~one~~ second frame period.

18. (Currently Amended) A liquid crystal display comprising:

a liquid crystal display panel displaying images and having a plurality of data lines and a plurality of scanning lines thereon;

a modulator that receives and registers first source data for a first frame period, receives second source data for a second frame period subsequent to the first frame period, the second frame period having a predetermined duration, and that generates modulated source data according to a comparison result between the registered first source data and the second source data;

~~modulating source data of one frame period based on registered data from a frame period previous to the one frame period; and~~

a data provider alternatively applying the modulated source data and the second source data to the liquid crystal panel through the data lines during an output period having the predetermined duration ~~within the one frame period.~~

Claim 19 (Canceled).

20. (Currently Amended) The liquid crystal display panel according to claim 18, wherein the data provider applies the modulated source data to the liquid crystal display for a first half frame period and the second source data to the liquid crystal display for a second half period.

21. (Currently Amended) A method of driving a liquid crystal display, comprising:
applying a modulated data signal to a liquid crystal panel within one frame period; and
applying a data signal within the one frame period,
wherein the modulated data signal has a voltage level larger than that of the data signal,
and wherein the modulated data signal is generated according to a comparison result between ~~depends on~~ data from a frame period previous to the one frame period and data from the one frame period.